



TROPICAL CYCLONE BULLETIN NO. 4
Tropical Storm LUIS (ROKE)

Issued at 5:00 AM, 29 September 2022

Valid for broadcast until the next bulletin at 11:00 AM today

TROPICAL STORM "LUIS" FURTHER INTENSIFIES WHILE APPROACHING THE NORTHERN LIMIT OF THE PHILIPPINE AREA OF RESPONSIBILITY (PAR)

<p>Location of Center (4:00 AM)</p> <p>The center of Tropical Storm LUIS was estimated based on all available data at 1,090 km East Northeast of Extreme Northern Luzon (24.1°N, 131.8°E)</p> <p>Intensity</p> <p>Maximum sustained winds of 75 km/h near the center, gustiness of up to 90 km/h, and central pressure of 996 hPa</p> <p>Present Movement</p> <p>Northward at 20 km/h</p> <p>Extent of Tropical Cyclone Winds</p> <p>Strong winds extend outwards up to 290 km from the center</p>	
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TRACK AND INTENSITY FORECAST

Date and Time	Center Position		Location	Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)		MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 29 September 2022	25.5	132.0	1,165 km East Northeast of Extreme Northern Luzon (Outside the PAR)	85	TS	N 15
24-Hour Forecast 2:00 AM 30 September 2022	26.9	133.0	1,325 km East Northeast of Extreme Northern Luzon (Outside the PAR)	95	STS	NNE 15
36-Hour Forecast 2:00 PM 30 September 2022	28.2	135.0	1,565 km Northeast of Extreme Northern Luzon (Outside the PAR)	95	STS	NE 20
48-Hour Forecast 2:00 AM 01 October 2022	29.1	136.9	1,775 km Northeast of Extreme Northern Luzon (Outside the PAR)	85	TS	ENE 20

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Tropical Cyclone Wind Signal is currently in effect.

Prepared by: RPG

Checked by: JEMB



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HAZARDS AFFECTING LAND AREAS
Tropical Storm LUIS is unlikely to directly affect the weather condition in the country within the forecast period.
HAZARDS AFFECTING COASTAL WATERS
The tropical storm remains unlikely to bring rough seas over the coastal waters of the country which may result to risky conditions to mariners.
TRACK AND INTENSITY OUTLOOK
Tropical Storm LUIS is forecast to continue moving northward or north northeastward tomorrow early morning before turning northeastward or east northeastward for the remainder of the forecast period. On the forecast track, LUIS will exit the Philippine Area of Responsibility (PAR) this morning . Further intensification is likely while moving over the sea east of the Ryukyu Islands, with LUIS reaching severe tropical storm category within 24 hours.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

Prepared by: 
RPG

Checked by: 
JEMB